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Yu. G. Perel'

Books, Brochures, Symposia of Articles

1. A. A. Belitskiy - Classification of Tectonic Faults and the Procedure for Studying Them (Klassifikatsiya Tektonicheskikh Rasryvov i Metody Izucheniya), Moscow, Geosgeolizdat, 1953, 68 pages, 8,000 copies, price 3.10 rubles.

2. A. R. Konstantinov and P. P. Kuz'min - Investigation of Evaporation From Soil and Snow Cover (Issledovaniya Ispareniya s Pochvy i Snezhnogo Pokrova), Leningrad, 1953, 52 pages with graphs, 700 copies, price 3.90 rubles, Main Administration of the Hydrometeorological Service, Works of the State Hydrobiological Institute (Glavnaya Upravleniya Gidrometeorologicheskoy Slyzby, Trudy Gosudarstvennogo Gidrologicheskogo Instituta), No 4 (95).

3. O. E. Ol'dekop - The Graphic Method of Application of the Genetic Formula of Flow to the Case of Variable Velocities of Flow (Graficheskiy Metod Primeneniya Geneticheskoy Formuly Stoka k Sluchayu Peremennikh Skorostey Stoka), Tallin, estgosizdat, 1953, 46 pages, 1,000 copies, price 1.45 rubles, Academy of Sciences Estonian SSR.

4. I. K. Polovko - A Manual for Practical Work in Meteorology (Posobiye k Prakticheskim Zanyatiyam po Meteorologii), Kiev, Izd. Kiievskogo un-ta, 1953, 54 pages with illustrations, 5,000 copies, price 1 ruble, Kiev State University imeni T. G. Shevchenko.

5. O. Yu. Shmidt - Four Lectures on the Theory of the Origin of the Earth (Chetyre Lektsii o Teorii Proiskhozhdeniya Zemli), Tbilisi, Izd. AN Gruzinskoy SSR, 1953, 84 pages, 3,000 copies, price 1.40 rubles, Academy of Sciences of the Georgian SSR, popular scientific literature series.

Articles From "Works of the Scientific Research Institute of Terrestrial Magnetism" (Trudy Nauchno-Issledovatel'skogo Instituta Zemnogo Magnitizma), No 9, 1953

6. Yu. D. Kalinin - Secular Geomagnetic Variations and a Geomagnetic Residual Field (pages 3-24).

7. Yu. D. Kalinin - The Problem of the Origin of Terrestrial Magnetism (pages 25-26).

8. T. N. Roze - The Horizontal Gradient of the Vertical Component of a Magnetic Field and Determining the Depth of Disturbing Bodies (pages 27-45).

9. R. A. Zebakin - Short Duration Fluctuations of a Magnetic Field and Their Connection With Geophysical Phenomena (pages 46-61).

10. V. I. Afanas'yeva - The Problem of Deriving the Results of Magnetic Observations for an Average Year (pages 62-86).

11. L. G. Mansurova - Problems of the Absolute Magnitude of the Horizontal Component Force of a Terrestrial Magnetic Field in the Magnetic Observatories of the Hydrometeorological Service During 1946-1951 (pages 87-94).

12. S. N. Mansurov - Change in Sensitivity of the Z-Variometer With the Aid of Permanent Magnets (pages 95-100).

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13. M. A. Belousova - Magnetic Activity in 1951 (pages 101-106).
14. V. I. Afanas'yeva and M. A. Belousova - Some Considerations for the Selection of the k-Index Scale of Magnetic Activity for Polar Magnetic Observatories of the USSR (pages 107-108).
15. N. P. Ben'kova and M. G. Borisova - Index k According to Data From Pavlovskiy Magnetic Observatory during 1916-1939 (pages 110-120).
- Articles From "Works of the Main Geophysics Observatory im. Voyeykov" (Trudy Glavnay Geofizicheskoy Osservatorii im. A. I. Voyeykova), No 38, 1953
16. P. A. Voronov - Investigation of the Gustiness of Wind Above Forest Masses (pages 3-14).
17. M. P. Churinova - An Attempt to Calculate the Coefficient Turbulence of Various Poi. s According to Pilot-Balloon Observations (pages 15-21).
18. P. A. Vorontsov - Some Results of the Investigations of the Microstructures of Wind in the Lower Layer of the Atmosphere (pages 22-24).
19. I. I. Chestnaya - The Inversion of Snow Melting (pages 35-39).
20. P. A. Vorontsov - Procedures and Apparatus Used in the GGO (Main Geophysics Observatory) for Aerological Investigations of Microstructure of Wind (pages 40-52).
21. P. A. Vorontsov and V. I. Selitskaya - The Aerostatic Meteorograph (pages 53-71).
22. I. S. Yermakova and I. G. Vermolayeva - The Laboratory Experiment for Studying the Aerostatic Meteorograph (pages 72-76).
- Articles From "Works of the Institute of Geophysics, Academy of Sciences Georgian SSR" (Trudy Instituta Geofiziki AN Gruzinskoy SSR), Vol 12, 1953
23. V. V. Kebuladze, A. V. Bukhnikashvili, and A. S. Lashkhi - The Organization of Stationary Observations of the Earth's Electrical Currents in Dusheti and Tsikhis-Dzhvari (pages 5-36).
24. V. V. Kebuladze and A. S. Lashkhi - Daily Variations of the Earth's Electrical Current According to Data of the Dusheti Geophysics Station (pages 37-55).
25. V. V. Kebuladze - Some Data on the Interrelation Between (a) The Earth and Electrical Currents and (b) The Geomagnetic Field (pages 56-72).
26. Sh. M. Chkhenkeli - Interpretation of Some Forms of Radiative Anomalies (pages 73-81).
27. A. G. Balabuyev - Experience Gained in the Founding of a Method for Climate Genetic Analysis (pages 85-156).
28. A. G. Balabuyev and G. K. Sulakvelidze - Method of the "Avalanche Gram" (Problems of the Variations and the Physical Stability of Snow Cover on Mountain Slopes, (pages 157-161).
29. G. K. Sulakvelidze - The Albedo of Snow Cover (pages 163-178).
- [According to the source, articles 23-29 contain a summary in the Georgian language.]

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31. D. N. Bibikov - Proposal of the Problem of the Ice Regime of Nonfreezing Water Currents. *DAN SSSR*, Vol 91, No 4, 1953 pages 799-802.
32. A. P. Bondarenko - Induction of the Vertical Component of Geomagnetic Variations Into an Electric Field. *DAN SSSR*, Vol 90, No 3, 1953, pages 367-370.
33. V. A. Bugayev - The Heating of a Slow-Moving Anticyclone. *Izv. Vsesoyuznogo Geograficheskogo Obshchestva*, Vol 85, No 3 1953, pages 289-291.
34. A. V. Buikhnikashvili, V. V. Kebuladze and L. S. Chanturishvili-Problem of Utilizing the Natural Electrical Field for Studying Heterogeneous Mineral Rocks. *Sooobshcheniya AN Gruzinskoy SSR*, Vol 14, No 4, 1953, pages 205-209.
35. N. I. Vul'fson - Method for Studying Convective Movements in a Free Atmosphere. *DAN SSSR*, Vol 91, No 2, 1953, pages 233-236.
36. B. Ya. Gel'chinskiy - Obtaining the Reflector Formulas for a Spherical Earth From the Wave Equation. *Uchenye Zapiski Leningr. Gos. Un-ta, Ser. Fizich.* Nauk, No 8, 1953, pages 101-120.
37. S. A. Zakharov and A. M. Bakharev - Meteoritic Crater in the Eastern Pamirs. *Doklady AN Tadzhikskoy SSR*, No 6, 1953 pages 3-8.
38. D. B. Karel'm - Some Data on the Greatest Depth in the World Ocean. *Izvestiya Vsesoyuznogo Geograficheskogo Obshchestva*, Vol 85, No 3, 1953, pages 283-284.
39. P. A. Kitkin - Increase of the Amplitude of Tides in the Depths of Land-Locked Seas. *DAN SSSR*, Vol 91, No 2, 1953, pages 237-240.
40. K. Ya. Kondrat'yev - Some Problems of Radiational Balance of an Underlying Surface Under Real Conditions. *Uchenye Zapiski Leningrad. Gos. Un-ta, No 146, Ser. Fiz. Nauk*, No 8, 1953, pages 172-195.
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43. A. N. Muromtsev - The Greatest Depth in the World Ocean. *Geografiya v Shkole*, No 3, 1953, page 62.
44. A. A. Nepomnyashchikh - Interpretation of Gravitational Anomalies by the Method of Equations of Logarithmic Curves. *Izv. AN Kazakhskoy SSR*, No 121, Ser. Geolog, No 16, 1953, pages 68-75 [summary in the Kazakh language].
45. V. A. Nechayev - Something New in the Science of Earthquakes. *Doklady Tadzhikskoy SSR*, No 6, 1953, pages 13-16.
46. M. Z. Nodia - Results of the Investigation of a High-Intensity Ultra-Local Magnetic Anomaly. *Sooobshcheniya AN Gruzinskoy SSR*, Vol 14, No 4, 1953, pages 211-216.

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47. G. R. [initials only] - Summary of Rocket Data on the Structure of the Upper Layers of the Atmosphere. From current [Western] literature section, Uspekhi Fizicheskikh Nauk, Vol 50, No 1, 1953, pages 145-152.

48. G. K. Sulakvelidze - Measuring Temperature in Various Media With a Resistance Thermometer. Soobshcheniya AN Gruzinskoy SSR, Vol 14, No 3, 1953, pages 145-151.

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53. V. V. Shuleykin - How the Energy of Wind is Transmitted to a Wave. DAN SSSR, Vol 91, No 5, 1953, page. 1079-1082.

54. M. S. Evgenson - Multicentury Variation in Solar Activity and Its Geophysical Aftereffects. Izv. Vsesoyuznogo Geograficheskogo Obshchestva (News of All-Union Geophysical Society), Vol 85, No 3, 1953, pages 286-287.

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